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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

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MAR 29 1968

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
March 6, 1968
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on March 6, 1968, with the following members present:

Victor Calvo, Sam Della Maggiore, William Gnoss, Sidney D. Herkner, Laurence D. Kelly, James P. Kenny, Gordon E. Lowe, Kevin O'Shea, Robert B. St. Clair, Arthur W. Smith, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: None.

ADVISORY COUNCIL MEMBER PRESENT: Dr. Theodore K. Cleveland, Chairman.

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker, John T. Donovan, Milton Feldstein, Herbert C. Johnson, Kevin Maloney, Edward W. McHugh, and Mabel Harder.

Chairman O'Shea called the meeting to order at 10:40 A.M. On motion of Mr. Della Maggiore; seconded by Mr. St. Clair, the Minutes of the meeting of February 7, 1968, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
Kevin O'Shea, Chairman

Mr. O'Shea reported that the Executive Committee met prior to the Board meeting and received a progress report on the District's new building.

Mr. O'Shea stated the Committee also discussed the District's Proposed Legislation for the 1968 Legislative Session, which would permit the District to fine continuous violators.

Mr. O'Shea stated the Committee also discussed SB-209 (Bradley/Way) which prohibits air pollution control districts from controlling air pollution caused by fires used by private individuals either for the cooking of food for human beings or for recreational purposes, burning leaves or tree trimmings, or burning for agricultural purposes. He stated the Committee recommends that the District oppose SB-209. Mr. Kelly so moved; seconded by Mr. Herkner; carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, LOWE, O'SHEA, ST. CLAIR, SMITH, SWEENEY.
NOES: NONE.
ABSENT: TAMARAS.

Mr. O'Shea reported that the Committee also discussed the District's policy statement which is to be presented to the Joint Legislative Committee on Bay Area Regional Organization in April. He stated the Committee will have a recommendation on this statement at the April Board meeting.

Mr. Sweeney furnished to the Chairman the policy statement on regional government adopted by the Alameda County Board of Supervisors. Mr. Callaghan was requested to furnish each Board member with a copy of this statement.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of January 31, 1968, and moved the approval of the Statement; seconded by Mr. St. Clair; carried.

REPORT - ADVISORY COUNCIL
Theodore K. Cleveland, Chairman

Dr. Cleveland reported that the Technical Committee met on February 29th to discuss Section 3103.1 of Regulation 3, which the Board referred to the Advisory Council for study at its February meeting. He further reported that information is still being developed for the Ad Hoc Committee to Review Regulation 2 for use by this Committee when it next meets.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the report, Registration and Compliance Status as of February 29, 1968, pointing out that 224 additional sources had registered during the month; 209 were brought into compliance, and 422 were under the Non-compliance category.

Mr. Callaghan called attention to the Enforcement Division report, pointing out that 154 violation notices were issued, and 3923 inspections were conducted. He stated that 734 requests to burn had been received, of which 675 were for agricultural burning.

Mr. Callaghan called attention to the Record of Observed Violations pointing out that of the 154 violations during the month, 8 were ship violations. He also called attention to the report, Extended Coverage-February, 1968, pointing out that 21 violation notices were issued during the weekends, and 12 during the early morning hours. He stated surveillance will be instituted in the evening hours with daylight continuing longer.

Mr. Callaghan called attention to the Technical Services Division report, pointing out that the 6th tracer trial took place on January 18th, and that another trial is scheduled for next week. He stated a complete report on the tracer trials will be presented to the Board when the data has been analyzed.

Mr. Callaghan stated that the proposed Maintenance Grant has been submitted to the Federal Government. He stated that the necessary approval has been received from the State Department of Public Health and that it is hoped the necessary approval from the Air Resources Board will be forthcoming in the near future.

Mr. Callaghan stated there were no adverse days of oxidant during the month, and that there were 6 days when the carbon monoxide levels exceeded 15 ppm.

Mr. Callaghan called attention to the report of the Information Officer, pointing out that the Staff spoke to 5 organizations during the month.

Mr. Callaghan stated that in accordance with the Administrative Code as Chief Administrative Officer, he authorized a transfer of \$500. to the Witness Fees Account in connection with a case before the Hearing Board. He stated he also authorized a transfer of \$600. to the Maintenance and Repair of Equipment Account for repair of two pieces of equipment in the laboratory.

Progress Report - Agricultural Burning

Mr. Callaghan called attention to the report, Agricultural Burning-February, 1968, pointing out that 1752 calls have been received to date requesting permission to burn, of which 675 were in February. He stated that 311 burn sites were inspected during the month and that 12 violation notices were issued.

Mr. Callaghan stated that as the result of the investigation into the delays experienced by the agriculturists in reaching the telephone answering service, 2 additional telephone lines have been installed as of February 14th, and that a brief check on the "busy signal count" after that time indicates that these additional lines have apparently minimized the delay problem.

Progress Report - Backyard Burning

Mr. Callaghan stated that backyard burning in one and two family dwellings is exempt from Regulation 1, and is the remaining large creator of air pollution which remains uncontrolled. He pointed out that the Advisory Council has recommended to the Board that backyard burning be eliminated. He stated the Staff is in the process of gathering information on the problems involved in banning backyard burning, after which a recommendation will be made to the Board. Mr. Callaghan stated that in gathering this data, the Staff is developing a program to visit each County to discuss the matter informally with the scavengers and fire officials, after which a meeting will be held with the City and County officials and the general public. He stated that to date the Staff has met with the scavengers and fire officials in Marin County.

Mr. Tamaras arrived at 11:10 A.M.

Mr. Callaghan requested an expression from the Board as to this proposed program. After discussion, the Board concurred in the program as set forth. Mr. Sweeney requested that when contacting the Alameda County Board of Supervisors representation from the unincorporated areas be requested to attend the meeting.

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Mr. Callaghan reported that he met with Mr. Eveleth Hayden, Executive Vice President of BALIA, on the matter of the District's proposed legislation, and that they also met with Mr. Ralph Dewey, President of Pacific American Steamship Association. Mr. Callaghan stated that he was advised that because of the number of vessels entering the Bay Area, and the unreliability of the crews on them, there could be no assurance given that the District's regulations would be complied with at all times. Mr. Callaghan pointed out that there were 161 violation notices issued to vessels during 1967.

Mr. Kelly left at 11:25 A.M. *Ryan*

Mr. Callaghan stated that the additional language to Article 13.6 "Forfeitures", "provided that such forfeiture shall not apply in any case in which the hearing board finds that a variance should be granted", clarifies the intent of the legislation.

Referring to backyard burning, Mr. St. Clair inquired as to the enforcement of such a regulation. Mr. Callaghan replied that the enforcement would be the prime responsibility of the District but that cooperation from the fire and police departments would be sought.

Mr. Sweeney left at 11:35 A.M.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker referred to his report, Hearing Board Cases, and reviewed it. He pointed out that with respect to the case involving the Lloyd A. Fry Roofing Company, this firm has 15 plants throughout the United States and we are informed that in every area it has been in litigation with either the health officials or the air pollution control officials. He reviewed the report, Variances in Effect as of March 1, 1968.

On motion of Mr. Kenny; seconded by Mr. Lowe, Resolution No. 529, In the Matter of Expressing the Appreciation of this Board of Directors to D. Reed Cronin for his Services as a Member of the Advisory Council; carried on roll call:

AYES: CALVO, DELIA MAGGIORE, GNOSS, HERKNER, KENNY,
LOWE, O'SHEA, ST. CLAIR, SMITH, TAMARAS.

NOES: NONE.

ABSENT: KELLY, SWEENEY.

COMMUNICATIONS
Secretary Kelly

In the absence of Mr. Kelly, Mr. Della Maggiore stated that the following communications had been received:

Richard J. Hartesveldt
Los Gatos

approving the District's proposed legislation to levy fines.

Assemblyman Leo J. Ryan
San Mateo County

expressing appreciation to Messrs. St. Clair and Herkner for keeping him informed on violations in San Mateo County.

Alma L. Webster
Cupertino

requesting prompt review of Regulation 2 and suggesting a medical doctor be appointed to the Hearing Board. Her letter was read into the record.

Gordon E. Lowe
Hercules

submitting his resignation from the Board because he was being transferred to Wilmington, Delaware.

Mr. Della Maggiore moved that a resolution be prepared for Mr. Lowe expressing the Board's appreciation for his services; seconded by Mr. Kenny; carried.

TIME AND PLACE OF NEXT MEETING

The time and place of the next meeting were set for 10:00 A.M., April 3, 1968, 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. Della Maggiore; seconded by Mr. Herkner, the meeting adjourned at 11:45 A.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
June 12, 1968
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on June 12, 1968, with the following members present:

William C. Blake, Victor Calvo, Sam Della Maggiore,
Robert Hoyer, Laurence D. Kelly, James P. Kenny,
John A. Miskimen, Robert B. St. Clair, Leland W.
Sweeney, Peter A. Tamaras.

BOARD MEMBERS ABSENT: William Gnoss, Morton L. Podolsky.

ADVISORY COUNCIL MEMBER PRESENT: Philip J. Eldredge.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
Warren Crouse, John T. Donovan, Milton Feldstein, Kevin
Maloney, Edward W. McHugh, and Mabel Harder.

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Vice Chairman Della Maggiore called the meeting to order at 10:25 A.M.

Mr. Della Maggiore welcomed the new members on the Board: Mr. William C. Blake from San Francisco, replacing Kevin O'Shea; Mr. Robert Hoyer, City Councilman from Clayton, replacing Gordon E. Lowe; and Mr. John A. Miskimen, City Councilman from San Rafael, replacing Arthur W. Smith. Mr. Della Maggiore stated that Dr. Morton L. Podolsky, City Councilman from Belmont, replacing Sidney D. Herkner, was unable to be present today.

On motion of Mr. St. Clair; seconded by Mr. Kenny, the Minutes of the meeting of May 1, 1968, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
Sam Della Maggiore, Vice Chairman

Mr. Della Maggiore reported that the Executive Committee met prior to the Board meeting and received a progress report on the District's new building. He stated the Committee also discussed the District's legislation, AB-1193 (Ryan), and the fact that the amendments thereto did not weaken the bill as far as the District is concerned. He stated the Committee recommends that the Board reaffirm its support of AB-1193, and Mr. Kenny so moved; seconded by Mr. Sweeney; carried.

Mr. Della Maggiore further reported that the Committee recommends the adoption of the following resolutions:

Resolution No. 537, In the Matter of Reappointing Joseph G. Hunter as a Member of the Hearing Board. On motion of Mr. Kelly; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 538, In the Matter of Authorizing the Vice-Chairman of the Board of Directors to Execute an Agreement for Auditing Services. On motion of Mr. Kelly; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of April 30, 1968, and moved the approval of the Statement; seconded by Mr. St. Clair; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Mr. Calvo reported that the Committee had met prior to the Board meeting and recommends the adoption of the following resolutions:

Resolution No. 539, In the Matter of Authorizing the Vice-Chairman of the Board of Directors to Sign Purchase Orders for Capital Equipment for the Federal Air Monitoring Project in Amounts Exceeding \$3,000. On motion of Mr. Kenny; seconded by Mr. St. Clair; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 540, In the Matter of Authorizing a Transfer of Funds to Provide for Expenses of the District. On motion of Mr. St. Clair; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Mr. Calvo called attention to the Preliminary Budget for the 1968-69 Fiscal Year, and Mr. Callaghan briefly reviewed his report in connection therewith, dated April 25, 1968. He stated a report on the District's accomplishments for the 1967-68 Fiscal Year would be made to the Board at its July meeting. Mr. Callaghan pointed out that the District's two Federal Grant Projects have been incorporated in the 1968-69 Fiscal Year budget, and that the District is now subject to a program approval and program audit of its entire operation by the Federal Government.

Mr. Sweeney in commenting on the budget stated that he has requested Mr. Callaghan to furnish copies of his report and the budget for distribution to members of the Alameda County Board of Supervisors.

Mr. Calvo stated the Budget & Finance Committee recommends the adoption of the 1968-69 Fiscal Year budget, and the following resolutions in connection therewith:

Resolution No. 541, In the Matter of Transferring Funds from Permanent Salaries to a Reserve for Adjustments. On motion of Mr. Tamaras; seconded by Mr. Sweeney; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 542, In the Matter of Transferring Funds from the Unencumbered Balance of Appropriations to Fund Balance-Available. On motion of Mr. Calvo; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 543, In the Matter of Transferring Funds from Fund Balance-Available to Reserve for Capital Outlay for Fiscal Year 1968-69. On motion of Mr. Calvo; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 544, In the Matter of Transferring Funds from Fund Balance-Available to the General Reserve. On motion of Mr. Kenny; seconded by Mr. Calvo; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 545, In the Matter of Providing for the Continuance of the General Reserve from Year to Year. On motion of Mr. Calvo; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY,
MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Mr. Walker presented to the Clerk of the Board six copies of Affidavits of Publication of Notice to Taxpayers, in connection with the adoption of the budget, and Mr. Calvo moved that said Affidavits be filed; seconded by Mr. Kenny; carried.

Mr. Kelly inquired if 1968 assessment figures were used in preparing the budget. Mr. Walker replied that they were not because they were not available at the time the budget was prepared. He stated the District must adopt its budget by September 1st, and that current assessment figures are not available until that time.

Discussion was held on the different assessment rates in each County and its affect on the proportionate share of each County to the District's budget. Mr. Kenny stated that AB-80, which makes assessment rates uniform in each County by 1970, will alleviate this discrepancy.

Resolution No. 546, In the Matter of Approving the Budget for the Bay Area Air Pollution Control District for the Fiscal Year Ending June 30, 1969 (1968-69). On motion of Mr. Calvo; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 547, In the Matter of Informing the Constituent Counties of the Bay Area Air Pollution Control District of Financial Contributions, Pursuant to Health and Safety Code Section 24370.1 for the Fiscal Year Ending June 30, 1969. On motion of Mr. St. Clair; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

Resolution No. 548, In the Matter of Appropriating Funds from the Reserve for Capital Outlay to the Capital Outlay Accounts. On motion of Mr. Calvo; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY, KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY.

REPORT - ADVISORY COUNCIL
Theodore K. Cleveland, Chairman

In the absence of Dr. Cleveland, Mr. Philip J. Eldredge reported for the Advisory Council. Mr. Eldredge reported that the Advisory Council held its regular meeting on May 29th and received a report from the Technical Committee on its recommendations for amending Regulation 2. He stated the recommendations were adopted unanimously with few changes by the Council, and called attention to the report, Recommendations on Amending Regulation 2, dated June 12, 1968. He briefly reviewed the report and read the Conclusions and Recommendations thereof, as follows:

"Conclusions"

1. The emissions from these plants are within the limits of Regulation 2, as presently written.
2. The presence of residual plumes is primarily due to particles of less than one micron in size.
3. A relatively small amount of these particles by weight will result in substantial visibility reduction due to the light scattering property of this material.
4. The total emissions are about 5600 pounds per day and are composed of glass fiber particles, phenolic resin, metal oxides, oil droplets, metal silicates, calcium carbonate, sodium and potassium chloride, sodium and potassium sulfates, mineral silicates, and silicon dioxide.
5. A review of medical literature on this subject reveals no reports of adverse health effects from these materials in the concentrations involved.
6. The imposition of class control measures as part of Regulation 2 would result in the following expenditures, increased annual operating expense, and resultant reductions in total emissions by weight or visible emissions.

	<u>Cost</u>	<u>Operating Expenses</u>	<u>Reduction</u>
Glass Plant	\$3-4,000,000	\$1,265,000	65%
Cement Plant "A"	800,000	Negligible	20%
Cement Plant "B"	5,700,000	600,000	40%

7. The state of the art of controlling sub-micron particles is such that the imposition of class controls will result in substantial expenditures without significant reductions in the amount of visible material emitted. Additional controls cannot therefore be required unless it can be demonstrated that there is a significant benefit to the general public.

Recommendations

We therefore recommend that:

1. An appropriate medical agency, such as the State Department of Public Health or U. S. Public Health Service, immediately undertake an investigation of the health effects of particles of the type and quantities emitted by these plants.

- "2. An independent research organization undertake an examination funded by the Federal Government and with the cooperation of the involved plants and the Bay Area Air Pollution Control District to discover feasible methods of controlling sub-micron particles in an economical and efficient manner.

The Committee also discussed a suggestion by the Staff that a standard be established for emissions of sub-micron particles into the atmosphere, as well as a date such standard must be met, but no action was taken. The Committee felt more research on the control of sub-micron particles was necessary and that this suggestion should be held in abeyance until the Staff can report further on the means of achieving this in a practical way."

In further reporting, Mr. Eldredge stated that Mr. Tarlock, Chairman of the Agriculture Committee, reported to the Council, that he expects to have a meeting of that Committee in September at the University of California Experiment Station in Santa Clara County, where the University is doing research on the disposal of prunings.

Mr. Eldredge stated that Dr. Talbott, Chairman of the Public Health Committee, reported on the meeting of the Bay Area Health Committee on May 22nd, at which the activities of the Tuberculosis & Health Association in environmental health was discussed, as well as backyard burning. He stated the Bay Area Health Committee felt that backyard burning might be discouraged by making it unattractive economically by charging a fee when the permit is issued, or by public education that it is socially unacceptable.

Mr. Eldredge reported that new officers were elected for the 1968-69 Fiscal Year, being Robert L. Severns, Chairman; Anthony J. Tarlock, Vice Chairman and Earl E. Jackson, Secretary.

In discussion of the Advisory Council report, Vice Chairman Della Maggiore suggested the two recommendations contained in the report be referred to the Staff for research and report to the Board, and Mr. St. Clair so moved; seconded by Mr. Kelly; carried.

Vice Chairman Della Maggiore stated that requests had been received from the public to speak on the matter of the review of Regulation 2.

Mrs. Sarah Feldner, Chairman
Committee for Clean Air Now
Palo Alto

Mrs. Feldner in her remarks to the Board reviewed the reasons why Regulation 2 was reexamined, pointing out that citizen complaint and citizen anxiety about the possible health hazards connected with emissions from the various industrial

sources, and specifically those from Owens Corning Fiberglas Corporation, Kaiser Cement Company and Ideal Cement Company, was the original impetus for the study. Mrs. Feldner stated she felt there was a lack of information presented at the meetings of the Ad Hoc Committee to Review Regulation 2 on the extent of complaints, data on the emissions themselves, especially particle size distribution, as well as on the health effects of the emissions. Mrs. Feldner stated she felt standards should be set on particulate emissions, and that the District should have an electron microscope to measure particle size so that it would not be dependent on industry for this information.

In discussion of Mrs. Feldner's remarks, Mr. Della Maggiore requested that she furnish to Mr. Callaghan a copy of her statement so that he might review it and report to the Board.

Mr. Callaghan was requested to furnish Mr. Miskimen copies of the Minutes of the meetings of the Ad Hoc Committee to Review Regulation 2.

After further discussion, Mr. St. Clair moved that Mr. Callaghan be directed to establish liaison with the Bay Area Health Facilities Planning Association; seconded by Mr. Tamaras; carried.

Mr. Peter B. Venuto, Chairman
Citizens Against Air Pollution
San Jose

Mr. Venuto in his remarks to the Board stated that on May 1, 1968, CAAP had made a presentation to the Board entitled, A Critical Evaluation of Regulation 2. He pointed out that in this presentation CAAP requested the Board to steer the Advisory Council away from recommendations which could adversely affect the public's health and well-being, and that Regulation 2 can be sidestepped by major polluters 80-90% of the time. Mr. Venuto stated there was a remarkable lack of achievement on the part of the Advisory Council in its review of Regulation 2, and that there was a lack of concern for the taxpayers. He stated the need for a tighter Regulation 2 has been proven by the increased affects of air pollution on health, and that economics should not influence the need for a regulation.

Dr. Rodney Beard, Chairman
Environmental Health Committee
Santa Clara County Medical Society

Dr. Beard in his remarks to the Board stated the Society is concerned about air pollution, and that it urges that the recommendations contained in the Advisory Council report be pursued.

Mr. Sweeney left at 11:40 A.M.

Mr. Hoyer moved that in 60 days a public hearing be held on amending Regulation 2 and that the Chief Administrative Officer be instructed to publish notice thereof; seconded by Mr. Calvo; carried.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the report, Registration and Compliance Status as of May 29, 1968, pointing out that 763 additional sources had registered during the month; 803 sources were brought into compliance, and 484 were under the Non-Compliance category.

Mr. Callaghan called attention to the Enforcement Division report, pointing out that 141 violation notices were issued, and 5486 inspections were conducted. He stated the Engineering Section had completed 25 plant visits. He called attention to the Record of Observed Violations, pointing out that 12 ships were issued violation notices during May.

Mr. Callaghan called attention to the report, Extended Coverage-May, 1968, pointing out that 19 violation notices were issued during the weekends, and 13 during the morning and evening hours. He called attention to the report of the Director of Technical Services, pointing out that the final tracer trial was performed on May 27th, and that a complete report on the tracer trials would be made to the Board later in the year.

Mr. Callaghan stated there were 5 days during the month when the oxidant values exceeded 0.15 ppm, and that there was one day when the carbon monoxide values exceeded the State standard. He called attention to the report of the Information Officer, pointing out that the District has had many visitors from other parts of the United States and the world.

Mr. Callaghan called attention to the report, Source Inventory-1967, dated June 12, 1968, and briefly reviewed it. He pointed out that if the unusual spurt in agricultural burning is disregarded, emissions from sources under the District's jurisdiction would have increased by 1.9%, well below the 2.5% growth the Bay Area experienced last year. He stated the District expects a reduction in 1968 Source Inventory due to the increased effectiveness of control devices on automobiles and the greater proportion of cars so equipped, plus the effects of Regulation 3 on reducing the quantity of reactive organic compounds and the expectation that agricultural burning will be below the level of 1967.

In discussion of the report, Mr. Tamaras inquired if the Staff had conferred with the representatives of the San Francisco Chamber of Commerce who went to Europe to look at municipal incinerators. Mr. Callaghan replied that this trip indicated to them what is being done in Europe on municipal incineration under their type of operating conditions and with their type of refuse. He stated he understood they saw very little plume coming out of the stacks, but he pointed out that the District's regulations cover not only the visible pollutants but also the invisible gases, and grain loading. He stated that the Staff does not know if the European incinerators could meet the District's regulations.

Mr. Callaghan stated that the Staff is working with the City & County of San Francisco on its pilot incinerator project, and that the preliminary design of the grate for this incinerator, which is one of the most important aspects of air pollution control, is scheduled to be completed by July, 1968, and that the pilot incinerator is scheduled to be completed about October, 1969.

On inquiry from Mr. Calvo as to the reason for the increase in range burning, Mr. Callaghan stated that the heavy rainfall in 1967 increased the amount of brush. Mr. Della Maggiore requested a complete report on range and stubble burning for 1967.

Mr. St. Clair inquired as to the results which would be expected if backyard burning were eliminated. Mr. Callaghan replied that approximately 900/T per day of air pollutants are presently being emitted as the result of backyard burning; consequently, its elimination would be most beneficial.

Mr. Kelly requested the Staff to furnish the Board with further information on the total air pollution emissions in the Bay Area, and those under the District's jurisdiction.

Mr. Della Maggiore requested Mr. Callaghan to report to the Board at its next meeting on agricultural burning for the period December-April, 1968.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases, dated June 10, 1968, and to Variances in Effect as of June 1, 1968, and briefly reviewed them. He also referred to the report, The Possibility of Enforcing Control of Smoke from Aircraft dated June 10, 1968, pointing out that there is no way the District's regulations could be applied to aircraft which does not conflict with the Federal regulations. Mr. St. Clair stated he noticed that some aircraft emit more smoke than others on takeoff. Vice

Chairman Della Maggiore requested Mr. Callaghan to secure the airlines' procedures for takeoff, and also determine why some aircraft emit more smoke than others, and report to the Board.

Mr. Walker called attention to his report, Legislation in the 1968 Session as of May 29, 1968, dated June 10, 1968.

On motion of Mr. Kenny; seconded by Mr. St. Clair, Resolution No. 549, In the Matter of Expressing Thanks and Appreciation to Sidney D. Herkner; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY,
KENNY, MISKIMEN, ST. CLAIR, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY, SWEENEY.

On motion of Mr. Kenny; seconded by Mr. St. Clair, Resolution No. 550, In the Matter of Expressing the Thanks and Appreciation of this Board of Directors to Arthur W. Smith; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, HOYER, KELLY,
KENNY, MISKIMEN, ST. CLAIR, TAMARAS.
NOES: NONE.
ABSENT: GNOSS, PODOLSKY, SWEENEY.

APPOINTMENT OF NOMINATING COMMITTEE
Sam Della Maggiore, Vice Chairman

Vice Chairman Della Maggiore appointed Messrs. St. Clair (Chairman); Tamaras and Calvo, to the Nominating Committee for Board officers for the 1968-69 Fiscal Year.

COMMUNICATIONS
Secretary Kelly

Mr. Kelly stated the following communications had been received:

Committee for Clean Air Now
Palo Alto

requesting a report on the Community Planner position which is open on the Advisory Council.

Mrs. John Levinsohn
San Rafael

suggesting that a physician be appointed to the Hearing Board.

With respect to the communication received from the Committee for Clean Air Now, Mr. Callaghan stated that the San Francisco representatives on the Board have an appointment to suggest to the Personnel Committee and that this will be done at the Committee's meeting next month.

OTHER

Mr. St. Clair inquired when a public hearing on backyard burning could be held by the Board. Mr. Callaghan replied that the District is presently meeting informally with public officials in each County and that the next scheduled meeting is in Santa Clara County on July 11th; in Alameda County in August, and in Contra Costa County in September. He stated that a report on these meetings probably could be given to the Board in October.

TIME AND PLACE OF NEXT MEETING

The time and place of the next meeting were set for 10:00 A.M., July 3, 1968, 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. Tamaras; seconded by Mr. Kenny, the meeting adjourned at 12:40 P.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
July 3, 1968
10:00 A.M.

1480 Mission Street
San Francisco
California

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on July 3, 1968, with the following members present:

William C. Blake, Sam Della Maggiore, William Gnoss,
Robert Hoyer, Laurence D. Kelly, James P. Kenny,
John A. Miskimen, Morton L. Podolsky, Robert B. St.
Clair, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: Victor Calvo.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
Warren Crouse, John T. Donovan, Milton Feldstein,
Kevin Maloney, Edward W. McHugh, and Mabel Harder.

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Vice Chairman Della Maggiore called the meeting to order at 10:20 A.M.

Mr. Della Maggiore welcomed Dr. Morton L. Podolsky, City Councilman from Belmont, representing San Mateo County.

On motion of Mr. St. Clair; seconded by Mr. Kenny, the Minutes of the meeting of June 12, 1968, were unanimously approved.

Mr. Sweeney arrived at 10:21 A.M.

REPORT OF NOMINATING COMMITTEE
Robert B. St. Clair, Chairman

Mr. St. Clair stated the Nominating Committee met prior to the Board meeting and recommends the following officers for the 1968-69 Fiscal Year: Sam Della Maggiore, Chairman; Laurence D. Kelly, Vice Chairman; William Gnoss, Secretary, and he so moved; seconded by Mr. Kelly; carried.

REPORT - EXECUTIVE COMMITTEE
Sam Della Maggiore, Vice Chairman

Mr. Della Maggiore reported that the Executive Committee met prior to the Board meeting and discussed the proposed air basins established by the Air Resources Board. He stated Mr. Callaghan has met with representatives of the Federal Government on air basins to be established on a national level.

Mr. St. Clair left at 10:25 A.M.

Mr. Della Maggiore stated the Committee received a progress report on the District's new building, and that the present plans are to move into the building in August.

Mr. Walker briefly reviewed the legislation discussed by the Committee, pointing out that the District's bill, AB-1193 (Ryan) has passed the Assembly and the Senate Public Health Committee, and is now in the Senate third reading file. He stated that AB-357 (Foran) which enacts the Pure Air Act of 1968 is now in the Senate Transportation Committee.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

In the absence of Mr. Calvo, Mr. Kelly presented the Controller's Appropriation Statement and Cash Position of the District as of May 31, 1968, and moved the approval of the Statement; seconded by Mr. Kenny; carried.

Mr. Hoyer arrived at 10:29 A.M.

REPORT - PERSONNEL COMMITTEE
Sam Della Maggiore, Chairman

Mr. Della Maggiore stated the Committee met prior to the Board meeting and recommends the appointment of Edward I. Murphy, Assistant Director of Planning, City & County of San Francisco, to fill the vacancy on the Advisory Council. Mr. Kelly so moved; seconded by Mr. Kenny; carried.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Mr. Callaghan called attention to the report, Progress Report-District Activities for the 1967-68 Fiscal Year, dated July 2, 1968, pointing out that in the Inspection Section 50,672 inspections were made during the year; 4,949 sources were brought into compliance; 1,914 violation notices were issued; 26 enforcement actions were filed; 1,503 complaints were processed, and 5,223 requests to burn were processed. He stated the Engineering Section had evaluated 30 industries, with 221 source operations, in connection with Regulation 3. Mr. Callaghan pointed out that in the Technical Services Division 3 new air monitoring stations were activated and 4800 laboratory analyses were completed. He stated a report on the tracer trials would be made to the Board at its next meeting. Mr. Callaghan stated that under the Public Information and Education Division, staff representatives spoke to 64 organizations and 22 schools, with audiences totaling 5,594, and that the District's film, "Cleaner Air: A Progress Report" was shown to audiences totaling 3,533.

In discussion of the report, Mr. Blake suggested that the Staff prepare a list of the air pollution sources in Sonoma County and discuss the control of the emissions from these sources with the Sonoma County Officials. Mr. Callaghan pointed out that the District has cooperated with Sonoma County in the past and that the proposed San Francisco Bay Area air basin of the Air Resources Board includes Sonoma County. He stated that when this basin is definitely established Sonoma County undoubtedly will consider very seriously joining the District. He further stated that lumber is one of the biggest industries in Sonoma County and that the teepee burners which do not meet the District's regulations, would have to be shut down.

Mr. Kelly suggested that the District write the Boards of Supervisors of Sonoma, Napa and Solano Counties and offer the cooperation of the District, and Mr. Callaghan stated this could be done after the Air Resources Board adopts the air basins. Mr. Callaghan stated he had talked with the Solano County officials about a year ago who felt the air pollution problem was not severe enough to warrant action at that time.

Mr. Della Maggiore suggested that each supervisor serving on the District's Board discuss the matter of air pollution control with members of the Boards of Supervisors of the 3 counties on an individual basis.

After further discussion, Mr. Callaghan stated the Staff would develop information on the air pollution sources in the three counties and present it to the Board of Directors before discussing the matter with the officials of the counties.

Mr. Callaghan stated that with regard to the Advisory Council's recommendations in connection with its study of Regulation 2, as to the health effects of particles of the type and quantities emitted by the 3 plants discussed in the report, he had written to Dr. Herbert T. Dalmat, Chief of Research and Training of the National Center for Air Pollution Control, U. S. Public Health Service, as to the feasibility of the Federal Government undertaking a study of the control of sub-micron particles, and he called attention to said letter dated June 17, 1968, and to the reply dated June 26, 1968, from Dr. Willie Ashley, Jr., providing the District with a research application kit. Mr. Callaghan stated he felt this research should be done on the Federal level and that he would discuss the matter with Dr. John T. Middleton, Director of National Center for Air Pollution Control.

Mr. Callaghan also called attention to his letter to Dr. Hamlet C. Pulley, Acting Director, State Department of Public Health, dated June 17, 1968, requesting that the SDPH undertake a study of the health effects to individuals living in the vicinity of the 3 plants referred to in the Advisory Council report. Mr. Callaghan stated he will be meeting with Mr. George Taylor and Dr. John R. Goldsmith, Chief of Environmental Hazards Evaluation Unit, to discuss the various aspects of such a study.

Mr. Callaghan further reported that he had written to Dr. W. Elwyn Turner, Santa Clara County Health Officer; Dr. Rodney Beard, Chairman, Santa Clara County Medical Society Committee on Environmental Health, and Dr. William J. Sayer, Chairman, Bay Area Health Committee, requesting information on the health hazards from the particulates being emitted from these plants, and as to the number of patients who had been advised to move from the vicinity of the plants.

Dr. Rodney Beard in commenting on the information being requested, stated that the Santa Clara County Medical Society is planning a Bay Area physician survey on the matter of air pollution and the health effects.

The Board discussed the length of time needed to complete this research and whether or not the public hearing on Regulation 2 scheduled to be held on August 7th should be postponed until such information is received. Mr. Kelly moved that the Board rescind its notice that a public hearing on Regulation 2 be held in 60 days, and re-set the date at a future time; seconded by Mr. Gnoss. In discussion of the motion, Mr. Walker pointed out that under the Law the Board cannot withdraw its notice of public hearing at this meeting, but that it can be done at the August meeting. Mr. Kelly then withdrew his motion. Mr. Callaghan stated that at the meeting with Dr. Goldsmith it will be determined how much time is needed to make the survey.

Mr. Callaghan in reporting on range and stubble burning for 1967, stated that controlled burning of the brush appears to be the only method of control at present because the types of brush encountered in this area do not respond to the chemical control methods which have been successful elsewhere. He stated there are only a limited number of days available to conduct such burns each year; that when there has been a dry year with very little grass growth, it may be that there is not enough grass to carry the fire from one brush pile to another; that on overly wet years the brush may never dry out sufficiently to ignite; and further, brush may not be burned during periods of high fire risk or high winds. He stated all of these factors serve to limit the times when and where such range brush control methods may be used. He stated that as a result the acreage of brush control burning fluctuates widely from year to year and that 1967 was well above the median of those years observed, but 1968 may see very little burning.

Mr. Callaghan stated that with respect to stubble burning, approximately 6,000 acres were burned in 1967-68 fiscal year as compared with 3,800 acres in 1966-67 fiscal year. He stated part of this increase can be attributed to the increasing practice of double cropping of barley and other crops such as lettuce in Contra Costa County; and increase in Marin County where soil conditions require stubble burning; and an increase in Alameda County because of under-reporting in previous years.

Mr. Sweeney pointed out that the uncontrolled brush fires which have occurred in the various counties the last couple weeks also contribute to the air pollution problem.

Mr. Kelly called attention to the information provided in the report entitled, Source Inventory-1967: Detail on Total Bay Area and District Jurisdiction Emissions, dated July 3, 1968, pointing out that two-thirds of the total emissions in the District are from automobiles.

Mr. Callaghan called attention to the report, Agriculture Burning, Section 3e, Disease & Pest Control, dated July 2, 1968, outlining the burning permits issued by the Agriculture Commissioners for disease and pest control. He also called attention to the report, Agricultural Burning-April, 1968, pointing out that for the burn period December-April, 1968, 3847 telephone calls were received requesting permission to burn; 1375 burn sites were inspected; 75 violation notices were issued. He stated there were 124 "burn days" during this period and 28 "no burn days".

Mr. Callaghan suggested the Board meet with the agriculturists to discuss the agricultural burning program which was experienced this past year. Mr. Ken Wilhelm, Santa Clara County Farm Bureau, advised the Board the agriculturists would like to have such a meeting after the harvest season. Chairman Della Maggiore requested the matter be put on the Agenda at that time.

Mr. Callaghan called attention to the communication from Mr. Percy Wood, Vice President, Base Maintenance, United Air Lines, dated June 28, 1968, with respect to engine smoke from jet aircraft. Mr. Wood stated that the tendency to smoke is inherent in the basic design of the engine, and that all engine manufacturers are conducting investigations to determine changes which might be made to reduce smoke, but they are constrained by the considerations of altitude relight and engine reliability. He offered to arrange a symposium to review the entire problem in depth with the Board. After discussion, Chairman Della Maggiore requested Mr. Callaghan to arrange such a meeting at the air line offices on a Wednesday afternoon following a Board meeting.

Monthly Progress Report

Mr. Callaghan called attention to the report, Registration and Compliance Status as of June 28, 1968, pointing out that 1005 additional sources had registered during the month; 979 were brought into compliance, and 510 were under the Non-compliance category.

Mr. Callaghan called attention to the Enforcement Division report, pointing out that 108 violation notices were issued and 3698 inspections were conducted. He stated that 13 ships were given violation notices during the month. He also called attention to the report, Extended Coverage-June, 1968, pointing out that 32 violation notices were issued during the weekends and 18 during the morning and evening hours.

Mr. Callaghan referred to the Technical Services Division report, pointing out that since the Navy is taking over Port Chicago, the District's air sampling station there will have to be relocated.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases and Office Conferences, dated July 1, 1968, and to Variances in Effect as of July 1, 1968, and briefly reviewed them.

Mr. Tamaras left at 11:20 A.M.

Mr. Walker also called attention to his report, Annual Report on Activities of Legal Division, dated July 1, 1968, and in briefly reviewing it, pointed out that 51 cases were handled by the Legal Division during the 1967-68 Fiscal Year, of which 22 were Regulation 3 cases. Mr. Walker advised that he is preparing a paper for the Arizona Law Review on the use of performance standards in air pollution control enforcement.

Mr. Sweeney left at 11:25 A.M.

Mr. Blake inquired as to the agency having jurisdiction to set the air quality standards in the BART tunnels. Mr. Walker replied that the State Department of Public Health would have such jurisdiction. After further discussion, Mr. Callaghan was requested to review the matter of such jurisdiction and to determine the air quality around Market Street and report to the Board.

COMMUNICATIONS
Secretary Kelly

Mr. Kelly stated there were no communications.

OTHER

Mr. Della Maggiore in reporting on the Air Pollution Control Association annual meeting in St. Paul, Minnesota, June 23-27, 1968, stated that one of the most important discussions centered around the problem of separating sulfur from coal and oil.

Mr. Callaghan advised the Board that the Federal Maintenance Grant in amount of \$208,000. had been received.

Mr. Callaghan advised that Mr. Graham Kislingbury, public relations counsel for the District for many years, had submitted his resignation as of June 30, 1968. Chairman Della Maggiore requested that a suitable resolution be prepared for him for the next Board meeting.

Mrs. Sarah Feldner, Committee for Clean Air Now, inquired as to the type of violation notice issued to Owens Corning Fiberglas Corporation on June 11, 1968. Mr. Donovan was requested to furnish her with this information.

Mr. Hoyer inquired as to the variances now in effect for Shell Oil Company. Mr. Callaghan replied that Shell Oil Company had made a complete investigation of its air pollution problems, and that they had issued a report on this investigation, a copy of which would be furnished to Messrs. Hoyer and Kenny.

Mr. St. Clair returned at 11:42 A.M.

TIME AND PLACE OF NEXT MEETING

The time and place of the next meeting were set for 10:00 A.M., August 7, 1968, 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. St. Clair; seconded by Mr. Kelly, the meeting adjourned at 11:43 A.M.

Respectfully submitted,

William Gnoss, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

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SEP 3 1968

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
August 7, 1968
10:00 A.M.

1480 Mission Street
San Francisco
California

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on August 7, 1968, with the following members present:

William C. Blake, Victor Calvo, Sam Della Maggiore,
William A. Gnoss, Laurence D. Kelly, James P. Kenny,
John A. Miskimen, Robert B. St. Clair, Leland W.
Sweeney, Peter A. Tamaras.

BOARD MEMBERS ABSENT: Robert Hoyer, Morton L. Podolsky.

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
Thomas F. Brennan, Warren Crouse, Milton Feldstein,
Kevin Maloney, Edward W. McHugh, and Mabel Harder.

Chairman Della Maggiore called the meeting to order at 10:22 A.M.

Mr. Kelly requested a correction in the Minutes of July 3, 1968, page 2, Report of Nominating Committee, that it show the motion was seconded by Mr. Kenny rather than by him. Mr. Sweeney moved that the Minutes of July 3, 1968, be approved as amended; seconded by Mr. Kenny; carried.

REPORT - EXECUTIVE COMMITTEE
Sam Della Maggiore, Chairman

Mr. Callaghan reported that the Executive Committee met prior to the Board meeting and received a report on the new building. He stated that the Board meeting on September 4th will be in the new quarters and that former members of the Board as well as other people will be invited to attend.

Mr. Walker stated the Committee also received a report on legislation, specifically AB-1193 (Ryan) which passed both houses of the legislature and which has been signed by the Governor, and is now Chapter 747 of the Statutes of 1968. He stated the law will become effective October 31, 1968, provided it is determined that the proclamation adjourning the legislature issued by Acting Governor Burns is legal.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of June 30, 1968, and moved the approval of the Statement; seconded by Mr. Kenny; carried.

Mr. Calvo stated the Committee also recommends the adoption of the following resolutions:

Resolution No. 551, In the Matter of Appropriating Funds for Expenses in Connection with Moving. On motion of Mr. St. Clair; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, KELLY,
KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: HOYER, PODOLSKY.

Resolution No. 552, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Orders for Capital Equipment for the Federal Air Monitoring Project in Amounts Exceeding \$3,000. On motion of Mr. St. Clair; seconded by Mr. Calvo; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, KELLY,
KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: HOYER, PODOLSKY.

Resolution No. 553, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Order for Moving Expenses in Amount Exceeding \$3,000. On motion of Mr. St. Clair; seconded by Mr. Sweeney; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, KELLY,
KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: HOYER, PODOLSKY.

Resolution No. 554, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Order for Insurance Premium Deposit in an Amount Exceeding \$3,000. On motion of Mr. St. Clair; seconded by Mr. Calvo; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, KELLY,
KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: HOYER, PODOLSKY.

Resolution No. 555, In the Matter of Authorizing the Controller to Write Off Obsolete and Expendable Items, and Building and Leasehold Improvements. On motion of Mr. Kelly; seconded by Mr. Kenny; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, KELLY,
KENNY, MISKIMEN, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: HOYER, PODOLSKY.

DISCUSSION OF PUBLIC HEARING ON REGULATION 2

Mr. Callaghan reported that the Staff met with representatives of the State Department of Public Health on July 16th and they have agreed to conduct an investigation on the health effects of air pollution from the three sources discussed by the Advisory Council in its review of Regulation 2. Mr. Callaghan stated that to make this investigation it will be necessary for the SDPH to have the confidential source test data accumulated over the years by the District in its testing of the three plants.

He stated the SDPH has assured the District that this information will be treated in a confidential manner, and that they will provide the District with a letter to this effect, after which the information will be furnished to them. Mr. Callaghan stated the three plants have given the District permission to furnish the information. Mr. Callaghan stated that within 2-3 weeks after receiving the information, the SDPH will issue a preliminary report on whether or not there is a public health hazard resulting from emissions from these 3 plants, and that a complete report will be furnished in about 6 months after the preliminary report.

Mr. Callaghan stated that with respect to a study being made on the feasibility of controlling the sub-micron particles from these 3 plants, he has discussed the matter with Dr. John T. Middleton, Director of National Center for Air Pollution Control, and that a further report will be made to the Board at its next meeting.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Report on Tracer Trial Study

Mr. Feldstein called attention to the report, Tracer Trial Program, dated July 31, 1968, and briefly reviewed the program for the Board. He stated the objectives of this program were to document the movement of pollutants and to see what diffusion effects there are. He stated the program was conducted during 1967-68 under a Federal grant, at a cost of \$9,000., of which the Federal Government paid three-fourths. Mr. Feldstein stated the tests involved releasing about 4 ounces per minute of fluorescent particles at a point source and collecting them by means of a rotor rod sampler at some 55 sampling sites generally downwind of the release point. He briefly described each of the 8 tracer tests conducted, referring to the charts attached to the report showing the flow of the particles on each release. Mr. Feldstein stated that the District received assistance from many sources in conducting these tests, including that from the ESSA Weather Bureau, Lawrence Radiation Laboratory, Pacific Gas & Electric Company, and San Jose State College.

Mr. Della Maggiore moved that the District send a letter to each of the Agencies involved in this program expressing appreciation for their cooperation; seconded by Mr. Calvo; carried.

Mr. Callaghan called attention to the analysis of the tracer data pointing out that it indicates the following general conclusions:

1. Pollutants released in any part of the District may travel to virtually any other part under suitable meteorological conditions.
2. Measurable concentrations of pollutants can be detected 50 to 60 miles from their release point.
3. Terrain has a very strong effect on the trajectory of pollutants. Pollutant clouds tend to divide against ranges of hills, and to be channelled into valleys.
4. Although terrain has very strong channelling effects, significant amounts of pollutant can cross over the coastal ranges even when an inversion base is measured below the crests of the hills.

Mr. Calvo pointed out that the test conducted from the San Jose release point was under atypical wind conditions and that further tests should be conducted under normal wind conditions in that area.

Mr. St. Clair left at 11:07 A.M.

Report on Air Pollution in Napa, Sonoma and Solano Counties

Mr. Callaghan stated that the Staff's report on air pollution in Napa, Sonoma and Solano Counties was almost complete and that it would be sent to the Board next week. He stated he would like to have the Board's opinion about sending this report to representatives of the 3 counties so that they could be present when the matter is discussed by the Board. Chairman Della Maggiore requested Mr. Callaghan to poll the Board members on the matter after they have received the report. Mr. Callaghan advised that the State Department of Public Health is installing an air monitoring station in each of the 3 counties.

Monthly Progress Report

Mr. Callaghan called attention to the report, Registration and Compliance Status as of July 31, 1968, pointing out that 817 additional sources had registered during the month; 821 were brought into compliance, and 506 were under the Non-compliance category.

Mr. Callaghan called attention to the Enforcement Division report, pointing out that 147 violation notices were issued and 4226 inspections were conducted during July. He pointed out that considerable Staff time was spent on the study of air pollution in Napa, Sonoma and Solano Counties. Mr. Callaghan called attention to the Record of Observed Violations, pointing out that violation notices were issued

to 12 ships during the month. He also called attention to the report, Extended Coverage-July, 1968, pointing out that 15 violation notices were issued during the weekends and 33 during the morning and evening hours.

Mr. Callaghan referred to the Technical Services Division report, pointing out that the sampling station in Fremont is now complete. He stated there were 14 days during the month which exceeded the adverse oxidant level of 0.15 ppm, the high being 0.40 ppm on July 17th in Livermore. He stated the high in the District to date has been 0.43 ppm, and that the District Staff is working very closely with representatives in the Livermore Valley on the air pollution problem there.

Mr. Callaghan called attention to the report of the Information Officer, pointing out that a public hearing on back-yard burning was held in Santa Clara County on July 11th, and that the next public hearing will be in Alameda County on September 11, 1968.

Mr. Callaghan reported that it was necessary to make an emergency transfer of funds into the postal account in amount of \$44.23 in June.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board and Superior Court Cases; Office Conferences, dated August 1, 1968, and briefly reviewed it. He also reviewed the Variances in Effect as of August 1, 1968.

Mr. Walker called attention to the report, Air Quality in BART Tunnels, dated July 31, 1968, and briefly reviewed it. He pointed out that the responsibility for the regulation of the quality of air in BART stations is with the local city or county. The governing board of the local agency may adopt an ordinance regulating air quality in subways and it will then be the responsibility of the local health officer to enforce the ordinances.

Mr. Blake stated that BART is not installing any air conditioning in the tunnels, and he pointed to Article 2 in the District Law, Declaration of Policy §(b) which states, "That it is not practical or feasible to prevent or reduce such air contaminants by local county and city ordinances". After discussion, Mr. Walker was requested to review the matter further and submit a report to Messrs. Blake, Tamaras and Sweeney.

Mr. Sweeney left at 11:28 A.M.

The following resolutions were adopted by the Board:

Resolution No. 556, In the Matter of Expressing the Appreciation of the Board of Directors to Graham Kislingbury. On motion of Mr. Kenny; seconded by Mr. Kelly; carried.

Resolution No. 557, In the Matter of Expressing Appreciation to The Honorable Leo J. Ryan for his Assistance in Securing Adoption of AB-1193. On motion of Mr. Kelly; seconded by Mr. Kenny; carried.

Resolution No. 558, In the Matter of Expressing Appreciation of the Board of Directors to The Honorable Lewis F. Sherman, Senator Eighth District, for His Assistance in Securing Legislation for the Bay Area Air Pollution Control District. On motion of Mr. Kelly; seconded by Mr. Kenny; carried.

COMMUNICATIONS
Secretary Gnoss

Mr. Gnoss stated the following communications had been received:

Sidney D. Herkner, expressing appreciation for the resolution adopted by the Board at its June 12th meeting.

Mrs. Leo Byrne
Los Altos
complaining of the cement dust from Permanente Cement Company.

Dr. Norman S. Buys
Sunnyvale
complaining of the cement dust from Permanente Cement Company

Mrs. Mitchell S. Madison
Los Altos
supporting a total ban on outdoor burning, and
complaining of air pollution from aircraft.

City of Menlo Park, favoring the elimination of
backyard burning.

OTHER

Mr. Callaghan stated that the Finance Committee and Public Health Committee of the Board of Supervisors of the City & County of San Francisco were meeting today to discuss municipal incineration, at which the District Staff has been requested to be present. He stated that the Board of Supervisors also requested a report from the District

on air pollution from incineration, which report was sent to Chairman Ertola, which stated that the District was unable to state whether or not a municipal incinerator would meet the District's regulations, but that if it did not, the incinerator could not be operated.

Mr. Kelly stated that the Alameda County Mayors Conference was meeting tonight and that he will show the District's film on air pollution.

TIME AND PLACE OF NEXT MEETING

The time and place of the next meeting were set for 10:00 A.M., September 4, 1968, 939 Ellis Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. Calvo; seconded by Mr. Kenny, the meeting adjourned at 11:35 A.M.

Respectfully submitted,

William A. Gnoss, Secretary.

mh

BAY AREA AIR POLLUTION CONTROL DISTRICT
939 Ellis Street
San Francisco, California 94109

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,
September 4, 1968
10:00 A.M.

939 Ellis Street
San Francisco
California

A G E N D A

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STUDIES LIBRARY

1. Call to Order - Roll Call
2. Approval of Minutes of August 7, 1968
3. REPORT OF EXECUTIVE COMMITTEE - Chairman Della Maggiore
4. REPORT OF BUDGET & FINANCE COMMITTEE - Chairman Calvo
5. REPORT ON EDUCATION PROJECT OF BAY AREA TUBERCULOSIS ASSOCIATIONS ON AIR POLLUTION - Dr. James Kieran
President-Elect, Tuberculosis and Health Association of California
6. REPORT OF CHIEF ADMINISTRATIVE OFFICER - Mr. Callaghan
 - a. Report on Air Pollution in Napa, Sonoma, and Solano Counties
 - b. San Francisco Municipal Incinerator
 - c. Monthly Progress Report
7. REPORT OF DISTRICT COUNSEL - Mr. Walker
8. COMMUNICATIONS - Secretary Gnoss
9. OTHER
10. TIME AND PLACE OF NEXT MEETING - 10:00 a.m., October 2, 1968,
939 Ellis Street, San Francisco, California
11. Adjournment

DJC:lp
8/28/68

BAY AREA
AIR POLLUTION CONTROL DISTRICT
939 Ellis Street
San Francisco, California 94109
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
September 4, 1968
10:00 A.M.

939 Ellis Street
San Francisco
California

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on September 4, 1968, with the following members present:

William C. Blake, Victor Calvo, Sam Della Maggiore, William A. Gnoss, Robert Hoyer, Laurence D. Kelly, James P. Kenny, Morton L. Podolsky, Robert B. St. Clair, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: John A. Miskimen

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker, John T. Donovan, Milton Feldstein, Edward W. McHugh, Kevin Maloney, and Mabel Harder.

Chairman Della Maggiore called the meeting to order at 10:35 A.M.

On motion of Mr. St. Clair; seconded by Mr. Blake, the Minutes of August 7, 1968, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE

Sam Della Maggiore, Chairman

Mr. Callaghan reported that the Executive Committee met prior to the Board meeting and received a financial report of the District Administration Building Corporation. He stated that the State, Federal Government, City & County of San Francisco, and the Redevelopment Agency are interested in obtaining the space available in the building. Mr. Callaghan stated the Committee also received a report from Mr. Walker on AB-357 (Foran) which enacts the Pure Air Act of 1968.

REPORT - BUDGET & FINANCE COMMITTEE

Victor Calvo, Chairman

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of July 31, 1968, and moved the approval of the Statement; seconded by Mr. Kenny; carried.

REPORT ON EDUCATION PROJECT OF BAY AREA
TUBERCULOSIS ASSOCIATIONS ON AIR POLLUTION

Dr. James Kieran

Dr. Kieran presented a pamphlet to the Board entitled, But What Can I Do About It?, which he stated was developed by the local Bay Area TB&H Associations. He stated this pamphlet is being offered free to the public by writing to P. O. Box 56, San Francisco. He stated the pamphlet attempts to educate the public about the problems of air pollution and advises the public what it can do about it. He stated that publicity on the pamphlet is being given through spot announcements on radio and TV.

Dr. Podolsky suggested that the TB&H Associations try to secure support for control of air pollution at the local level, and Dr. Kieran advised that each local organization has an air pollution committee and it is their responsibility to be advised on proposed legislation and to appear at the various hearings concerning air pollution.

Mr. Callaghan advised that a hearing on backyard burning would be held in Alameda County on September 11th, and in Contra Costa County in October, at which the District will seek testimony in connection with the problems of backyard burning and the solution.

Mr. Kelly advised that he had received a communication from Mr. Stanley H. Tobin, President of the Alameda County TB&H Association, offering assistance to the District.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Report on Air Pollution in Napa, Sonoma, and Solano Counties

Mr. Callaghan called attention to the report, Napa, Solano, and Sonoma Counties, dated August 14, 1968, and briefly reviewed it.

Mr. Blake inquired if representatives from the three counties were present, and Mr. Callaghan replied they were not, but that the report had been sent to them together with a letter advising that the matter was on the Agenda for this meeting. Mr. Callaghan stated that the Solano County Manager desires to discuss the matter further with him.

Mr. Feldstein briefly reviewed the geography and meteorology of the three counties. He stated the two major kinds of air pollution affecting the Bay Area also affect these 3 Northern California counties; that is, photochemical smog, and air pollution relating to dust and smoke emissions. He pointed out that despite the fact there is restricted ventilation in the 3-county area, with the low population density at present, the air pollution problem does not become apparent. He stated that this fact is changing because oxidant damage has been noted in the grape industry in the Napa Valley, and eye irritation has been experienced in the Sonoma Valley.

In discussing Sonoma County, Mr. Feldstein stated that the 1960 population was 147,000, and that the 1990 projected population is 500,000. He pointed out that the Alexander, Knights, and Sonoma Valleys have generally poor ventilation, somewhat similar to the Livermore Valley, and that the Cotati-Santa Rosa Valley has less restricted ventilation being more like San Francisco.

In discussing Napa County, Mr. Feldstein stated that the 1960 population was 66,000, and that the 1990 projected population is 150,000. He stated the Napa Valley has one of the most restrictive ventilations in the Bay Area, and that as the area grows and more people and cars come into it, the area will begin to develop photochemical smog.

In discussing Solano County, Mr. Feldstein stated that the 1960 population was 135,000, and that the 1990 projected population is 255,000. He stated that of the 3 counties, Solano County has experienced the greatest industrial growth, especially around Suisun Bay.

Mr. Callaghan in continuing to review the report, pointed out that the major sources of pollutants in the Northern counties are burning from open refuse dumps, from agricultural operations, lumber processing, and automobiles. He called attention to Table 2 setting forth the estimated total air pollution emissions in the nine Bay Area counties for 1967. He stated the additional cost to the District if these three counties join the District would be approximately \$144,300. the first year, and \$67,700. thereafter annually. He pointed out that if the three counties did join the District, the Board of Directors could request that the Federal government participate by way of either maintenance of improvement grants. He stated, that the Cleaner Air Act, however, limits the amount to each State of 10% of the total authorization, or approximately \$2M to the State of California in 1968. He stated that the State of California is in the process of establishing meetings with all Districts in the State to determine the amount of funds that might be requested from the Federal government.

On inquiry from Mr. Kenny, Mr. Callaghan advised that if Napa County wished to remove itself from the District, under the Law it would be necessary for it to secure legislative authority to do so.

Mr. Della Maggiore suggested that Mr. Callaghan contact the 3 counties and inform them the matter would be on the agenda at the next Board meeting if they wish to come to discuss it.

Mr. St. Clair stated he felt it was important to get citizen groups in the 3 counties aware of the fact that their local officials are considering coming into the District. He suggested that letters be sent to the League of Women Voters, TB&H Associations and other organizations suggesting they write their locally elected officials urging them to discuss joining the District.

Mr. Callaghan advised that the report has been sent to several cities in the 3 counties.

Dr. Podolsky stated he felt it was important for the District to appeal to the average citizen in this matter of their counties joining the District.

Mr. Tamaras suggested sending the report to the newspaper editors in the 3 counties, and invite the three Boards of Supervisors to discuss the matter with the District Board.

Mr. Blake advised that there is some discussion concerning moving a dump in San Mateo County to Solano County, and if this becomes a reality, there will be no control over burning the garbage.

Mrs. Sarah Feldner, Chairman
Committee for Clean Air Now

In a brief statement to the Board pointed out that information to the general public is greatly needed, and she urged the Board to get information to the citizens in the three counties.

Mr. Gnoss pointed out that Sonoma County has a great number of sawmills, the emissions from which are difficult to control. He suggested that the District be very circumspect in its discussions with the people in these counties.

After further discussion, Mr. St. Clair moved that the matter be referred to Mr. Callaghan for further study; seconded by Mr. Kenny; carried.

San Francisco Municipal Incinerator

Mr. Callaghan referred to the pilot incinerator project which the City & County of San Francisco has undertaken under a Federal Grant in amount of \$164,000. He stated that the City has received the preliminary design of the grate.

Mr. Callaghan stated that the Board of Supervisors Public Health Committee and Finance Committee held two meetings on the matter of garbage disposal, at which Western Pacific Railroad proposed that the City consider hauling the garbage to Trinity County. He stated the Scavenger Association proposed to the Committees that the Association build a municipal incinerator to burn the garbage, selling the steam by-product to PG&E for electrical production. Mr. Callaghan stated these proposals affect the pilot incinerator study, which is now one-third complete. He pointed out that the study is being made to determine if incineration can be an economical way of disposing of garbage and yet meet the requirements of the District's regulations, which would be desirable not only for this area but for the entire United States. He stated there is some concern that if the City & County of San Francisco desides to let the scavengers build the incinerator, the pilot study will be discontinued.

Monthly Progress Report

Mr. Callaghan referred to the various reports submitted to the Board, stating they were self-explanatory. These included the Registration and Compliance Status as of August 30, 1968; Enforcement Division Report for August, 1968; Extended Coverage-August, 1968; Technical Services Division report for August, 1968; and Information Officer's report for August, 1968.

Mr. Callaghan reported that Union Oil Company is going to build a \$50M extension to its refinery in Oleum.

Referring to the recommendations of the Advisory Council in its review of Regulation 2, Mr. Callaghan stated that the District's confidential source test data on the 3 sources has been submitted to the State Department of Public Health, after receiving assurances they will treat the data in a confidential manner. He stated a preliminary report on the health effects of air pollution from these three sources will be submitted to the SDPH in the next 3-4 weeks.

Mr. Callaghan stated that with respect to the feasibility of controlling the sub-micron particles from wet cement and glass plants, the Federal government is reviewing the matter of a study of the control of these particles.

In discussing Mr. Callaghan's report, Mr. Tamaras stated that several members of the Board of Supervisors visited Germany to look at the municipal incinerators there, and reported they did not see any air pollution from those incinerators. He suggested that members of the Board of Supervisors be apprised of the strict requirements of the BAAPCD regulations.

Mr. Callaghan replied that in a letter to the President of the Board of Supervisors he stated the District's position in regards to municipal incineration and the strict requirements which had to be met in order to operate. Mr. Tamaras requested that a copy of this letter be sent to each member of the Board of Supervisors.

On inquiry from Mr. St. Clair, Mr. Callaghan stated that the Senior Engineer specializing in combustion, has seen the municipal incinerators at Columbus, Ohio and Norfolk, Virginia, but has not seen the one in Houston, Texas.

Chairman Della Maggiore requested Mr. Callaghan to secure source test data from Houston on its municipal incinerator.

Mr. Callaghan pointed out that the District requested source test data from Germany on its incinerator, but it was never received.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board and Superior Court Cases; Office Conferences, dated August 30, 1968, and briefly reviewed it. He also called attention to the report, Variances in Effect as of September 1, 1968.

Mr. Walker referred to the copy of Assembly Bill No. 1193 (Ryan), the District's legislation, which he stated is now Chapter 747 of the Statutes of 1968

Mr. Della Maggiore stated the Executive Committee recommends that notice be given that the Administrative Code will be amended at the next regular meeting of the Board. Mr. Kenny so moved; seconded by Mr. St. Clair; carried.

COMMUNICATIONS
Secretary Gnoss

Mr. Gnoss stated there were no communications.

OTHER

Chairman Della Maggiore welcomed former members of the Board of Directors to this first meeting of the Board in its new building, as follows:

Dr. Charles W. Aby, former San Rafael City Councilman
Clarence D. Erickson, former Richmond City Councilman
Sidney D. Herkner, former Mayor of Redwood City
Mrs. Clarissa S. McMahon, former Supervisor, City & County
of San Francisco
Colonel Alberto E. Merrill, former Mayor of Los Gatos
John A. Ratekin, former City Councilman from Union City

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STUDIES LIBRARY

BAY AREA
AIR POLLUTION CONTROL DISTRICT NOV 1 1968
939 Ellis Street
San Francisco, California 94109
771-6000 UNIVERSITY OF CALIFORNIA

Wednesday
October 2, 1968
10:00 A.M.

BOARD OF DIRECTORS REGULAR MEETING

939 Ellis Street
San Francisco
California 94109

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on October 2, 1968, with the following members present:

William C. Blake, Victor Calvo, Sam Della Maggiore,
William A. Gnoss, Robert Hoyer, James P. Kenny,
John A. Miskimen, Morton L. Podolsky, Robert B.
St. Clair, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: Laurence D. Kelly.

ADVISORY COUNCIL MEMBER PRESENT: Robert L. Severns, Chairman.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
John T. Donovan, Milton Feldstein, Howard James,
and Mabel Harder.

Chairman Della Maggiore called the meeting to order at 10:30 A.M.

On motion of Mr. Hoyer; seconded by Mr. Calvo, the Minutes of September 4, 1968, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
Sam Della Maggiore, Chairman

Mr. Della Maggiore stated that the Executive Committee met prior to the Board meeting and received a financial report on the District's new building, and also on possible tenants for the building. He stated the Committee also received a progress report on the possibility of Napa, Sonoma and Solano counties joining the District and that discussion on this matter is continuing between the Staff and the Counties' representatives. Mr. Della Maggiore stated that the Committee also discussed the amendments to the Administrative Code which will be considered by the Board today.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of August 31, 1968, and moved the approval of the Statement; seconded by Mr. Sweeney.

Messrs. Podolsky and St. Clair arrived at 10:35 A.M.

Motion carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, HOYER, MISKIMEN,
PODOLSKY, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: KELLY, KENNY.

Mr. Calvo reported that the Budget & Finance Committee met prior to the Board meeting and recommends the adoption of the following Resolution:

Resolution No. 559, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Four Purchase Orders for Capital Equipment in Amounts Exceeding \$3,000. On motion of Mr. Calvo; seconded by Mr. St. Clair; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, HOYER, MISKIMEN,
PODOLSKY, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: KELLY, KENNY.

REPORT - ADVISORY COUNCIL
Robert L. Severns, Chairman

Mr. Severns reported that the Advisory Council held its regular meeting on September 25th, at which Mr. Tarlock, Chairman of the Agriculture Committee reported on a field trip of that Committee to San Jose on September 17th, where they reviewed the research being conducted by the University of California on the disposal of solid wastes, specifically orchard prunings. He stated the agriculturists have reported that generally speaking the new Regulation 1 worked well this first year, although there are still some problems to be worked out, which it is hoped can be done administratively.

Mr. Severns further reported that the Technical Committee has been requested to further review the Council's recommendations made to the Board last June on amending Regulation 2, specifically as to some language changes introduced in the recommendations after it had been submitted to the Council.

Mr. Severns stated the Council also received a report from Dr. Talbott, Chairman of the Public Health Committee which met in conjunction with the Bay Area Health Committee on September 10th. She reported on a questionnaire which the Committee on Air Pollution of the Santa Clara County Medical Society will use in its survey of physicians pertaining to health effects of air pollution on patients. She also reported that the Committee discussed the need for an Alert System for the District and on the Air Pollution Medical Research Conference held in Denver in July.

Mr. Severns stated the Council was advised of the resignations of Messrs. Earl Jackson and Percy Wood.

CHANGES IN ADMINISTRATIVE CODE

Chairman Della Maggiore referred to the Amendments to Administrative Code dated September 27, 1968, §1.2 changing the address of the District to 939 Ellis Street, and §17.1 and §17.2 amending the fiscal procedures of the District to conform to the State budget law. He stated the Executive Committee recommends the adoption of the following resolution:

Resolution No. 560, In the Matter of Amending the Administrative Code to Provide for a Change of the District's Address and Changes in Fiscal Procedure. On motion of Mr. Calvo; seconded by Mr. St. Clair; carried on roll call:

AYES: BLAKE, CALVO, DELLA MAGGIORE, GNOSS, HOYER, MISKIMEN, PODOLSKY, ST. CLAIR, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: KELLY, KENNY.

EMBOSST - ADATISOKA GÖRÖG

and anti-beast must always be
a military matter, excepting only
the right and wrong of the animals
which we hunt or kill, nothing
else need be said, and it is perfectly
right and proper to do so.

moni troque a favoritor onto a Comunitatea de la Bucuresti, te
dorind oportunitatea de a se bucura de un nou, important, pro-
iect de dezvoltare care va avea loc in cadrul Comunitatii
economice europeene. Cu acest lucru, Comunitatea de la Bucuresti
se impunea ca sa devină o entitate deosebit de puternica
care să poată să aducă în următoarele ani o contribu-
tia semnificativă la dezvoltarea economică și socială a
țării noastre. În același timp, Comunitatea de la Bucuresti
se impunea ca să devină o entitate deosebit de puternica
care să poată să aducă în următoarele ani o contribu-
tia semnificativă la dezvoltarea economică și socială a
țării noastre. În același timp, Comunitatea de la Bucuresti

midst of all the boisterous and discordant bustle of the city, he
was a young man indeed, full of life and energy.

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REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Mr. Callaghan reported that the State Department of Public Health in its study of the possible health effects of air pollution from the two cement plants and one glass plant has indicated that it might be necessary to conduct additional ground level monitoring of these plants for the study. He stated it is hoped that a preliminary report on this matter can be made to the Board at its next meeting.

Mr. Callaghan reported that the Staff is continuing to work with the National Air Pollution Control Administration on the study of controlling sub-micron particles from these three plants.

Mr. Callaghan stated that the Staff met with representatives of Owens Corning Fiberglas Corporation last week at which Owens Corning made certain proposals for correcting the visible plumes emanating from their operations. He stated Owens Corning has introduced process changes in its New Jersey plant, and they will introduce these in its Santa Clara plant, which will reduce the visible emissions as well as the amount of effluents going into the atmosphere. Mr. Callaghan stated that the introduction of these process changes should have some effect on the visible emissions by the end of this year. He stated that Owens Corning also plan to install an electric furnace by the middle of 1969, which will be the first of its kind in the United States, and if successful, will reduce the visible emissions from one of the forming lines. He stated the other large furnace will be converted to an electric furnace after the first proves a success.

Monthly Progress Report

Mr. Callaghan referred to the report, Registration and Compliance Status as of September 27, 1968, pointing out that 33 additional sources were registered during the month; 36 were brought into compliance and 499 were under the Non-compliance category.

Mr. Callaghan called attention to the Enforcement Division report for September, 1968, pointing out that 110 violation notices were issued, and 4086 inspections conducted. He stated he hoped that during October the Staff could meet with the agriculturists on the problems encountered under the new Regulation 1, and that he could make a report to the Board in November.

Mr. Howard James reported on the agricultural field trip on September 17th sponsored by the University of California Agricultural Extension Service at the Deciduous Fruit Station in San Jose. He stated among those organizations represented at this meeting were the California State Forestry, County Farm Advisors, State Department of Agriculture, Agricultural Commissioners, Mt. Hamilton Range Improvement Association, Farm Bureau Federation, and Santa Clara County Agriculture Committee.

Mr. James reported that Dr. Ellis Darley explained the research being conducted at 19 stations throughout the State at which shredded and chipped material is being incorporated in the soil to determine its effect on the soil, as well as laboratory studies being conducted on the compaction and fungus problems. He stated this is a 3-year program and that the first year had just ended. Mr. James stated the group were also shown the two pieces of equipment used in this program, the chipper and shredder. Mr. James stated the group discussed the problems encountered during the past year under the new Regulation 1, some of which were objections to long distance telephone calls to the District, misunderstandings with Fire Departments, interpretations of the Regulation, and whether cane and citrus fruits should be included in the Regulation.

Mr. Callaghan in continuing his report, called attention to the Record of Observed Violations, pointing out that there were 8 ship violations last month. He stated he hoped such violations would be curtailed when the District's new legislation, AB-1193, goes into effect November 13, 1968.

Mr. Callaghan called attention to the report, Extended Coverage-September, 1968, pointing out that 25 violation notices were issued on weekends and 23 during early morning and evening hours.

Mr. Blake left at 11:00 A.M.

Mr. Callaghan called attention to the Technical Services Division report, stating that several complaints have been received concerning emissions from the Permanente Cement Plant in Permanente, and that an extensive sampling program has been undertaken in Santa Clara County to determine the identity and extent of the problem.

Mr. Milton Feldstein reported on the sampling program stating that the complaints included pitting of cars, coating of glass and coating of vegetation. He stated the inventory of sources in the area included Permanente Cement Company, a nearby quarry, road building operations, and natural soil and erosion problems. He stated the sampling program includes a series of Hi-vol samplers, fall-out buckets, fall-out plates and the use of the directional Hi-vol sampling technique. He reviewed the process of analyzing the samples, pointing out that the District will use the x-ray diffraction unit of the State Department of Public Health in its analyses. Mr. Feldstein stated the Staff hoped to have a report on this sampling program within 30 days.

Mr. Calvo requested that the Board members be furnished a copy of the final report.

Mr. Callaghan in continuing his report stated there were 11 days when the oxidant level exceeded 0.15 ppm, the high being 0.37 ppm in Burlingame on September 25th.

Mr. Kenny arrived at 11:05 A.M.

Mr. Callaghan called attention to the report of the Information Officer for September, pointing out that the District held a meeting on backyard burning in Alameda County on September 11th, and that there was little opposition to such a ban. He stated the next meeting on backyard burning would be in Contra Costa County on October 23, 1968.

On inquiry from Mr. Hoyer, Mr. Callaghan stated that it has been the District's practice to meet with the Fire Chiefs and scavengers in the County in advance of the public meeting and that the press will be notified of this meeting.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board and Superior Court Cases dated September 30, 1968, pointing out that the Alameda County Superior Court upheld the Hearing Board's order for abatement against Judson Steel Corporation, but that this case may go to the Court of Appeal.

Mr. Walker briefly reviewed the report, Variances in Effect as of October 1, 1968.

Mr. Callaghan referred to the variance granted to E. I. Du Pont De Nemours & Company under Regulation 3, stating that in the process of complying with Regulation 3, the Company may have a visible plume, which it does not now have, and might violate Regulation 2. This indicates how complicated some air pollution problems can become.

COMMUNICATIONS
Secretary Gnoss

Mr. Gnoss reported that the following communications had been received:

Senator Lewis F. Sherman
expressing appreciation for the Resolution concerning his assistance in passing AB-1193.

Mr. P. A. Wood
resigning from the Advisory Council because he is being transferred to Chicago.

Mr. E. E. Jackson
resigning from the Advisory Council because he is being transferred to Washington, D.C.

Mr. Graham Kislingbury
expressing his appreciation for the Resolution.

Mrs. C. S. Pynch
San Anselmo
complaining about backyard burning

Chairman Della Maggiore requested that the communication from Mrs. Pynch be referred to the Staff for reply. Dr. Podolsky suggested that the Staff in its reply refer Mrs. Pynch to representatives of her local jurisdiction so that action might be taken at that level, and Chairman Della Maggiore requested that the Staff take note of this suggestion.

In discussion of the matter of backyard burning, Mr. Gnoss stated that many people are concerned about the problem of disposing of tree trimmings and leaves and he suggested that the Cities and Towns offer a pick-up service for such debris. Mr. Sweeney pointed out that this service is available in Alameda County now. Mr. St. Clair stated he felt that the people responsible for the prunings should be able to afford the additional cost of disposing of them.

Mr. St. Clair moved that the resignations of Messrs. Wood and Jackson from the Advisory Council be accepted; seconded by Mr. Kenny; carried.

Mr. Tamaras suggested that the District consider taxing those industries who are not in compliance with the District's regulations. Mr. Della Maggiore pointed out that when AB-1193 goes into effect in November, the District will be able to levy a fine against violators.

Dr. Rodney Beard, Santa Clara County Medical Society, advised the Board that the survey which they will be conducting will be an environmental health survey and not an air pollution survey as reported by the Advisory Council.

Mr. Callaghan stated that if Proposition 9 passes in November, the District will face a financial problem. He stated a method whereby funds could be raised is through a fee system such as that now used in Los Angeles APCD, whereby an initial fee is charged when an industry comes into compliance, and an annual inspection fee is levied thereafter. Mr. Della

Maggiore suggested that the District go on record as opposing Proposition 9, and that the Staff be requested to advise the news media and others of this opposition. Mr. St. Clair stated that although the San Mateo County Board of Supervisors did not take official action opposing Proposition 9, it requested the Staff to write a report on the detrimental effects the passage of Proposition 9 would have on the County. He suggested the District Staff do likewise. Mr. Kenny stated that Los Angeles has a strong campaign for Proposition 9.

After further discussion, Mr. St. Clair moved that the Board oppose Proposition 9, and that the Staff write a report setting forth the arguments justifying the Board's opposition, channeling this information to the news media and others; seconded by Mr. Kenny; carried.

TIME AND PLACE OF NEXT MEETING

Mr. Kenny moved that the time and place of the next meeting be set for 10:00 A.M., November 7, 1968, 939 Ellis Street, San Francisco, California; seconded by Mr. Hoyer; carried.

There being no further business to come before the Board, the meeting adjourned at 11:50 A.M.

Respectfully submitted,

William A. Gnoss, Secretary.

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U.C. BERKELEY LIBRARIES



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